



SEQUENCE LISTING

<110> National Institute of Advanced Industrial Science and
Technology
Kitakyushu Foundation for the Advancement of Industry
Science and Technology
OBA, Hideki
FUJII, Masayuki

<120> CYTOPLASMIC LOCALIZATION DNA AND RNA

<130> 2006_1370A

<140> US 10/589,955

<141> 2006-08-18

<150> PCT/JP2005/002743

<151> 2005-02-21

<150> JP 2004-045488

<151> 2004-02-20

<150> JP 2004-136228

<151> 2004-04-30

<160> 28

<170> PatentIn version 3.3

<210> 1

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> HIV-1 Rev

<220>

<221> misc_feature

<222> (1)..(1)

<223> bAla

<400> 1

Ala Leu Pro Pro Leu Glu Arg Leu Thr Leu
1 5 10

<210> 2

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> PKI-ALPHA

<400> 2

Leu Ala Leu Lys Leu Ala Gly Leu Asp Ile
1 5 10

<210> 3

<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> MAPKK

<220>
<221> misc_feature
<222> (1)..(1)
<223> bAla

<400> 3

Ala Leu Gln Lys Lys Leu Glu Glu Leu Glu Leu Asp Glu
1 5 10

<210> 4
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Dsk-1

<400> 4

Ser Leu Glu Gly Ala Val Ser Glu Ile Ser Leu Arg Asp
1 5 10

<210> 5
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> HIV-1 tat C-terminus

<400> 5

Pro Thr Ser Gln Ser Arg Gly Asp Pro Thr Gly Pro Lys Glu
1 5 10

<210> 6
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> gp-41

<220>
<221> misc_feature
<222> (1)..(1)
<223> bAla

<400> 6

Ala Val Gly Ala Ile Gly Ala Phe Leu Gly Phe Leu Gly Ala Ala Gly
Page 2

1 5 10 15

<210> 7
 <211> 12
 <212> PRT
 <213> Artificial

<220>
 <223> Synthetic Construct

<400> 7

Leu Arg Ala Leu Leu Arg Ala Leu Leu Arg Ala Leu
 1 5 10

<210> 8
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Synthetic Construct

<400> 8

Leu Arg Leu Arg Leu Arg Leu Arg Leu Arg
 1 5 10

<210> 9
 <211> 21
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Combined RNA/DNA Synthetic Construct

<400> 9

cuacaucacg ccagucaact t

21

<210> 10
 <211> 21
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Combined RNA/DNA Synthetic Construct

<400> 10

guugacuggc gugauguagt t

21

<210> 11
 <211> 19
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> TFIIIA

<400> 11

Gln Pro Asp Ala Ser Lys Ala Asp Pro Leu Pro Val Leu Glu Asn Leu
 1 5 10 15

Thr Leu Lys

<210> 12
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> SV40 T antigen

<400> 12

Pro Lys Lys Lys Arg Lys Val
 1 5

<210> 13
 <211> 14
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> HIV-1 tat

<400> 13

Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg Pro Pro Gln Gly
 1 5 10

<210> 14
 <211> 14
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Synthetic Construct

<400> 14

Leu Arg Leu Arg Leu Arg Leu Arg Leu Arg Leu Arg Leu Arg
 1 5 10

<210> 15
 <211> 14
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Synthetic Construct

<400> 15

Leu Lys Leu Lys Leu Lys Leu Lys Leu Lys Leu Lys Leu Lys
 1 5 10

<210> 16
 <211> 15
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> a sequence capable of binding to homo-purine sequence of double stranded DNA

 <400> 16
 tttttctctc tctct 15

 <210> 17
 <211> 13
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> a complimentary sequence to RNA template of human telomerase

 <400> 17
 cagttagggt tag 13

 <210> 18
 <211> 26
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Human chromosome, abnormal fusion #22 chromosome

 <400> 18
 gggagaagct tctgaaacac ttcttc 26

 <210> 19
 <211> 21
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Combined DNA/RNA synthetic construct with 5' chemical linker "n"
 (-O-CH.sub.2CH.sub.2-O-CH.sub.2CH.sub.2-NH.sub.2)

 <400> 19
 cuacaucacg ccagucaact t 21

 <210> 20
 <211> 21
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Combined DNA/RNA synthetic construct with 5' chemical linker "n"
 (-O-CH.sub.2CH.sub.2-O-CH.sub.2CH.sub.2-NH.sub.2)

 <400> 20
 guugacuggc gugauguagt t 21

<210> 21
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Combined DNA/RNA Synthetic Construct

<220>
<221> modified_base
<222> (20)..(20)
<223> Modified thymidine

<400> 21
cuacaucacg ccagucaact t

21

<210> 22
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Combined DNA/RNA Synthetic Construct

<220>
<221> modified_base
<222> (20)..(20)
<223> Modified thymidine

<400> 22
guugacuggc gugauguagt t

21

<210> 23
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Combined DNA/RNA Synthetic Construct

<220>
<221> modified_base
<222> (6)..(6)
<223> Modified thymidine

<220>
<221> modified_base
<222> (15)..(15)
<223> Modified thymidine

<400> 23
cuacaucacg ccagucaact t

21

<210> 24
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
 <223> Combined DNA/RNA Synthetic Construct

<220>
 <221> modified_base
 <222> (7)..(7)
 <223> Modified thymidine

<220>
 <221> modified_base
 <222> (12)..(12)
 <223> Modified thymidine

<220>
 <221> modified_base
 <222> (15)..(15)
 <223> Modified thymidine

<220>
 <221> modified_base
 <222> (17)..(17)
 <223> Modified thymidine

<400> 24
 guugacuggc gugauguagt t 21

<210> 25
 <211> 21
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Combined DNA/RNA with 5' chemical linker "n"
 (-O-CH.sub.2CH.sub.2-O-CH.sub.2CH.sub.2-NH-R.sup.1)

<400> 25
 cuacaucacg ccagucaact t 21

<210> 26
 <211> 21
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> combined DNA/RNA Synthetic Construct

<220>
 <221> modified_base
 <222> (20)..(20)
 <223> Modified thymidine

<400> 26
 cuacaucacg ccagucaact t 21

<210> 27
 <211> 21
 <212> DNA
 <213> Artificial Sequence

<220>
<223> Combined DNA/RNA Synthetic Construct with 5' chemical linker
(-O-CH.sub.2CH.sub.2-O-CH.sub.2CH.sub.2-NH-R.sup.1)

<220>
<221> modified_base
<222> (20)..(20)
<223> Modified thymidine

<400> 27
cuacaucacg ccagucaact t

21

<210> 28
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Combined DNA/RNA with 5' chemical linker "n"
(-O-CH.sub.2CH.sub.2-O-CH.sub.2CH.sub.2NH-R.sup.1)

<220>
<221> modified_base
<222> (2)..(2)
<223> Modified thymidine

<220>
<221> modified_base
<222> (6)..(6)
<223> Modified thymidine

<220>
<221> modified_base
<222> (15)..(15)
<223> Modified thymidine

<220>
<221> modified_base
<222> (20)..(20)
<223> Modified thymidine

<400> 28
cuacaucacg ccagucaact t

21